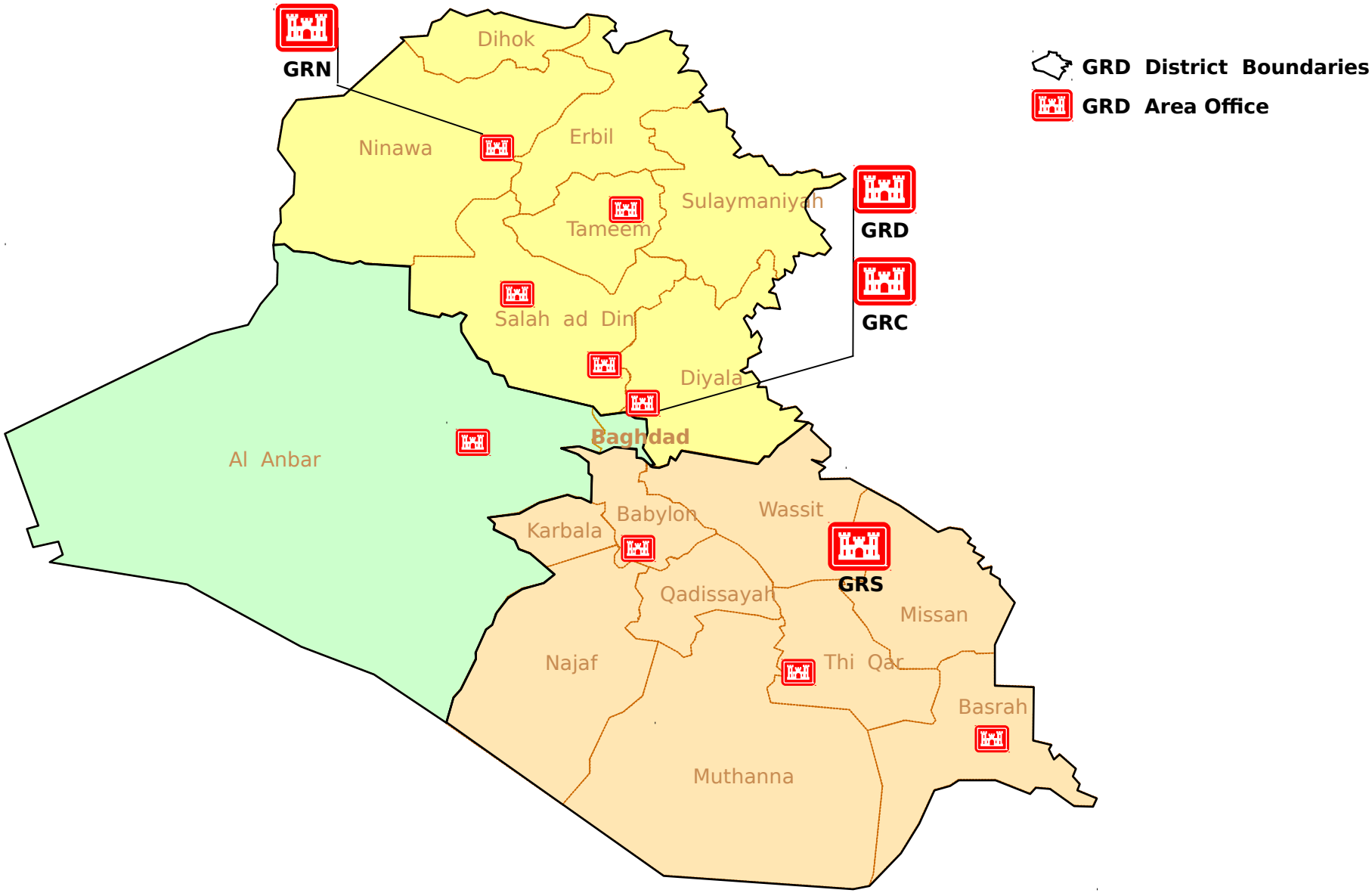
Delivering on Progress

Gulf Region Division

September 2005

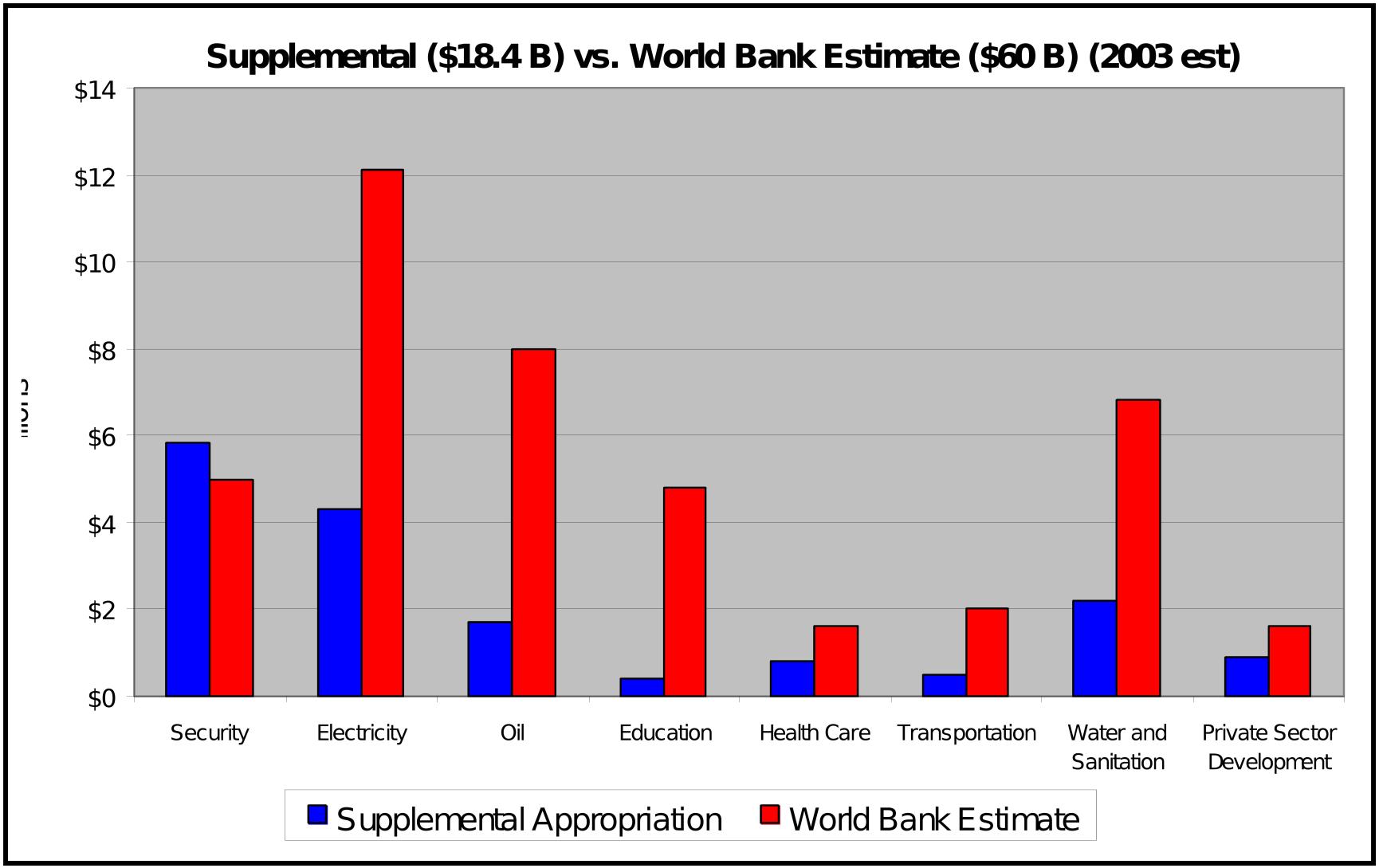
GRD Locations



Mission

GRD provides planning, design and construction management support to Multi-National Force – Iraq (MNF-I) and the Project and Contracting Office (PCO)

Cost to Rebuild Iraq to 1990-level



Programmed Projects

Schools	839
Health Clinics	158
Hospitals	29
Water	332
Border Posts	264
Police Stations	323
Military Bases	58
Electrical	470
Village Roads	107
Railroad Stations	98
Fire Stations	92
Oil	132
Other	200+

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Tallil Military Medical Clinic

Construction will soon be complete on a $1.6 million project to construct a Military Medical Clinic in the Tallil District, Thi-Qar Governorate.

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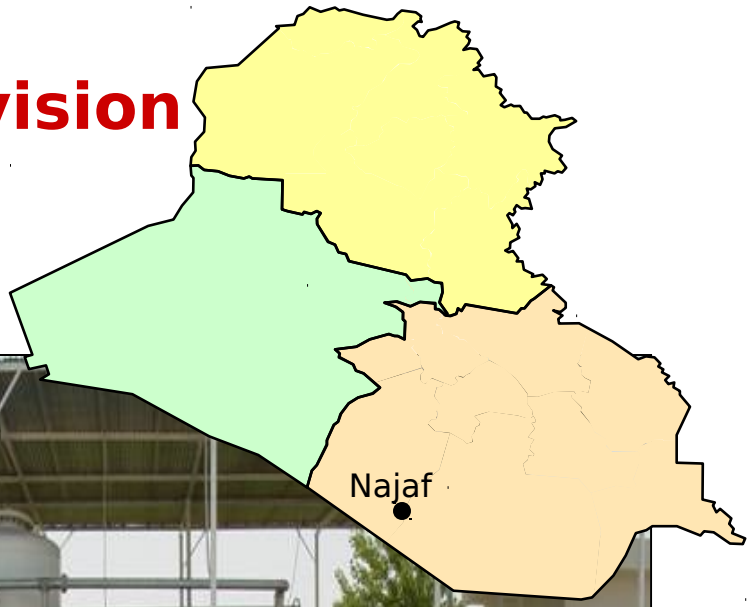

Al-Muash Water Treatment Unit

Construction completed a $236,000 Najaf Water Treatment project.

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Security and Justice

Al Wassit Police Station

Construction is complete on a $225,000 Police Station project in the Kut District, Wassit

Al Mutawwi'ah Border Post

Construction is complete on a $274,600 Bo
Post project in the Al Khaseeb District, Bas
Governorate.

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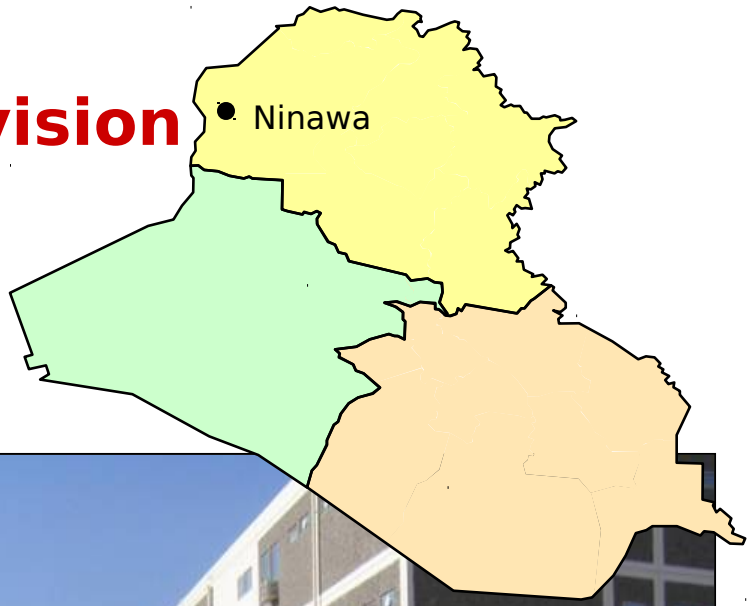

Al-Kasik Military Base

Construction will soon be complete on the $123.6 million Al-Kasik Military Base in Ninewa Governorate.

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Bayji Electrical Power Plant

Construction is complete on a $67.4 million project to replace two gas turbines at the Bayji Power Plant, Salah al-Din Governorate.

This project added 270 megawatts of electricity to the national grid.

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Transportation

Wadi Al Morr Railway Station

Construction is complete on a $72,300 Railway Station project in the Mosul District, Ninewa Governorate.

Diyala Village Road

Construction is complete on a $99,600 Village Road project in the Je Zane District, Diyala Governorate.

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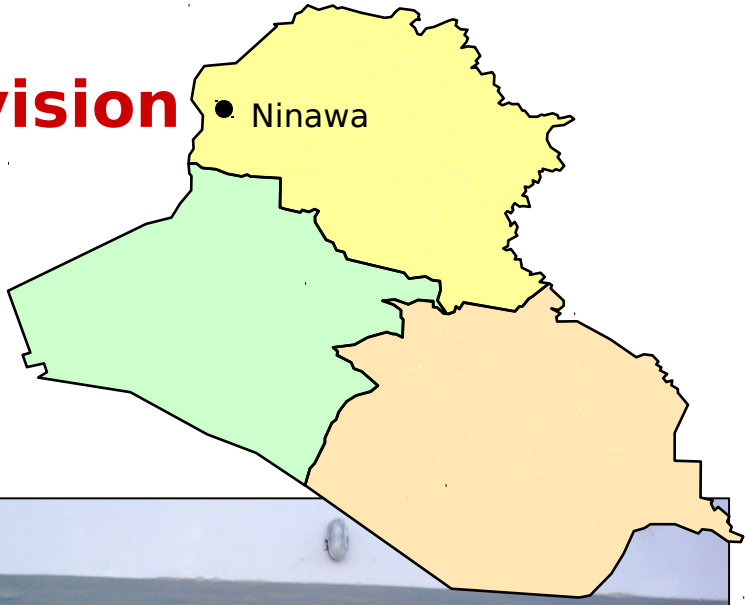

Sinjar Fire Station

Construction is complete on a $178,500 Sinjar Fire Station in the Ninawa Governorate.

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Qayarra Asphalt Refinery

Construction is complete on a $408,000 Qayarra Asphalt Refinery in the Ninewa Governorate.

Reconstruction Under Adversity

Bayji Power Plant, a success story

- **Threats, intimidation, and loss of life**
  - **Senior project manager abducted**
  - **Security team member killed**
  - **Courage, determination**
- **Project completion**

What Does It Cost To Work In This Type Of Environment?

- **Cost plus award fee contract**
- **Initial estimate - $30 million**
- **Definitized - $59 million**
- **Security team attacked; security costs $9.5 million**
- **165-day project takes 270 days.**

Final Project cost - $67.5 million

Reconstruction Projects

Large Scale Capital Projects

10% of the Projects – 80% Program Cost

Economic Infrastructure

Burzugan natural gas power plant
Plant cost $80 million

Small Scale Projects (< $0.5M)

90% of the Projects – 20% Program Cost

Community Based

839 Schools - $86 million

Large vs. Small Projects

STRATCOM Challenge

Erbil Water Treatment Plant

Cost – $118 million

Design Capacity – 6,000 M^3 per Hour

Will service 600,000 people

Contract duration:18 months

Hasarok Water Well Project

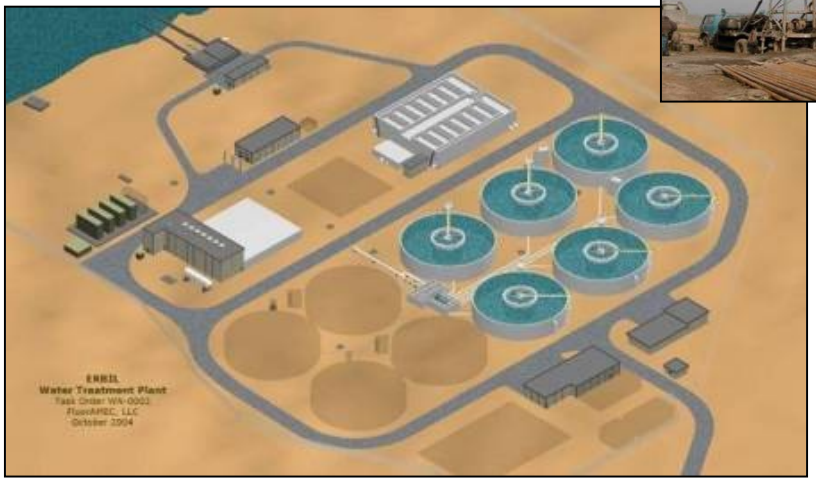
Cost - $514,000 (2 Wells)

Design Capacity – 60 M^3 per Hour

Will service 6,000 people

Contract duration: 4 months

Slow/Less Visible/Long Term ⟷ **STRATCOM** ⟷ **Quick/Visible/Shor**



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US ARMY CORPS OF ENGINEERS
DELIVERANCE